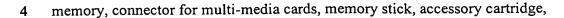
CLAIMS

What is claimed is:

- 1 1. An electronically-enabled encasement for a handheld computer, the
- 2 encasement comprising:
- an encasement portion configured to cover at least a portion of the handheld
- 4 computer, including a front surface of the handheld computer providing access to a
- 5 display;
- a spine engageable with an accessory slot of the handheld computer to
- detachably couple the encasement with the handheld computer; and
- 8 at least one electronic component embedded in the encasement portion.
- 1 2. The encasement of claim 1, wherein the spine is slideably engageable with
- 2 an accessory slot of the handheld computer, the encasement portion being
- dimensioned to encase the handheld computer when the spine is engaged to the
- 4 handheld computer.
- 1 3. The encasement of claim 1, further comprising a connector capable of
- 2 mating with a serial connector of the handheld computer to allow communication
- 3 between the electronic component and the handheld computer.
- 1 4. The encasement of claim 1, wherein the connector is selected from the group
- 2 consisting of a wiping-style connector, a pogo-style connector and a dual style
- 3 connector.

- 4 5. The encasement of claim 3, further comprising circuitry in the encasement
- 5 that connects the connector to the electronic component of the handheld computer.
- 1 6. The encasement of claim 1, wherein the encasement portion comprises a
- 2 front portion that is extendable over the display surface of the handheld computer,
- and a back portion that is extendable over the back surface of the handheld
- 4 computer.
- 1 7. The encasement of claim 6, further comprising a joint to movably couple the
- 2 front portion to the back portion.
- 1 8. The encasement of claim 6, wherein the joint is formed from a flexible
- 2 material.
- 1 9. The encasement of claim 8, wherein the flexible material enables the front
- 2 portion to wrap around and allow the exterior surface of the front portion to contact
- 3 an exterior surface of the back portion.
- 1 10. The encasement of claim 9, wherein the joint is a wrap-around hinge that
- 2 enables the front portion to wrap around the back portion.
- 1 11. The encasement of claim 6, wherein the electronic component is embedded
- 2 in the front portion of the encasement portion.
- 1 12. The encasement of claim 11, wherein the encasement further comprises a
- 2 connector that is embedded in the back portion of the encasement and is capable of
- 3 mating with a serial connector of the handheld computer to extend communication
- 4 of the handheld computer to the electronic component.

- 1 13. The encasement of claim 12, further comprising a second connector
- 2 accessible from a back surface of the back portion of the encasement to mate with
- 3 another connector of an accessory device.
- 1 14. The encasement of claim 13, wherein the second connector enables the
- 2 handheld computer to synchronize with another computer when the encasement is
- 3 coupled to the handheld computer.
- 1 15. The encasement of claim 14, further comprising a processor capable of
- 2 executing synchronization functions.
- 1 16. The encasement of claim 12, further comprising a locking mechanism, the
- 2 locking mechanism coupling the back portion of the encasement portion with the
- 3 handheld computer to secure stable mating between the connector in the encasement
- 4 and the serial connector of the handheld computer.
- 1 17. The encasement of claim 6, further comprising a mechanical coupling that
- 2 enables the front portion and the back portion to be retained in a closed position.
- 1 18. The encasement of claim 17, wherein the mechanical coupling is a male
- 2 velcro element positioned on the front or the back portion and a female velcro
- 3 element positioned on the other of the front and the back portions.
- 1 19. The encasement of claim 1, wherein the electronic component is selected
- 2 from the group consisting of wireless modem, voice recorder, digital camera,
- 3 keyboard, cell phone, solar cell, rechargeable battery, GPS system, recharger,



- 5 compact flash card and phone card.
- 6 20. The encasement of claim 1, further comprising one or more batteries.
- 1 21. The encasement of claim 1, wherein the encasement includes a radio
- 2 frequency communication component.
- 1 22. The encasement of claim 21, wherein the radio frequency communication
- 2 component is adapted to operate in a Bluetooth medium.
- 1 23. The encasement of claim 21, further comprising an RF antenna.
- 1 24. The encasement of claim 1, wherein the encasement includes memory.
- 1 25. The encasement of claim 24, wherein the memory stores information for the
- 2 handheld computer.
- 1 26. An electronically-enabled encasement for a handheld computer, the
- 2 encasement comprising:
- an encasement portion configured to at least a portion of the handheld
- 4 computer, including a front surface of the handheld computer providing access to a
- 5 display and a back surface;
- a spine engageable with an accessory slot of the handheld computer to
- detachably couple the encasement with the handheld computer;
- a radio frequency mechanism integrated into the encasement portion; and

- 9 an electrical coupling that extends communication between the radio
- 10 frequency mechanism and the handheld computer.

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1	40. A method for attaching electronic peripherals to a handheld computer,
2	comprising:
3	providing an encasement which comprises
4	an encasement portion configured to at least a portion of the handheld
5	computer, including a front surface of the handheld computer providing access to a
6	display and a back surface,
7	a spine slidably engageable with an accessory slot of the handheld computer
8	to detachably couple the encasement with the handheld computer,
9	an RF antenna embedded in the encasement portion,
10	a plurality of electronic peripherals embedded in the encasement portion, and
11	a connector that extends communication of the electronic component to the
12	handheld computer; and
13	sliding the spine into an accessory slot of the handheld computer.